

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number  
WO 2005/069585 A1

(51) International Patent Classification <sup>7</sup> :	H04M 1/02, G06F 1/16	Court, 23 Rose Street, Wokingham, Berkshire RG40 1XS (GB). WARD, Timothy [GB/GB]; Innovision Research & Technology PLC, Ash Court, 23 Rose Street, Wokingham, Berkshire RG40 1XS (GB). KEEN, Ian [GB/GB]; Innovision Research & Technology PLC, Ash Court, 23 Rose Street, Wokingham, Berkshire RG40 1XS (GB). LAMACRAFT, Kevin [GB/GB]; Innovision Research & Technology PLC, Ash Court, 23 Rose Street, Wokingham, Berkshire RG40 1XS (GB). UNDERWOOD, Richard [GB/GB]; Innovision Research & Technology Plc, Ash Court, 23 Rose Street, Wokingham, Berkshire RG40 1XS (GB).
(21) International Application Number:	PCT/GB2005/000122	
(22) International Filing Date:	14 January 2005 (14.01.2005)	
(25) Filing Language:	English	
(26) Publication Language:	English	
(30) Priority Data:		
0400805.8	14 January 2004 (14.01.2004)	GB
0402588.8	5 February 2004 (05.02.2004)	GB
0410242.2	7 May 2004 (07.05.2004)	GB

(71) Applicant (for all designated States except US): INNOVISION RESEARCH & TECHNOLOGY PLC [GB/GB]; Ash Court, 23 Rose Street, Wokingham, Berkshire RG40 1XS (GB).

(72) Inventors; and

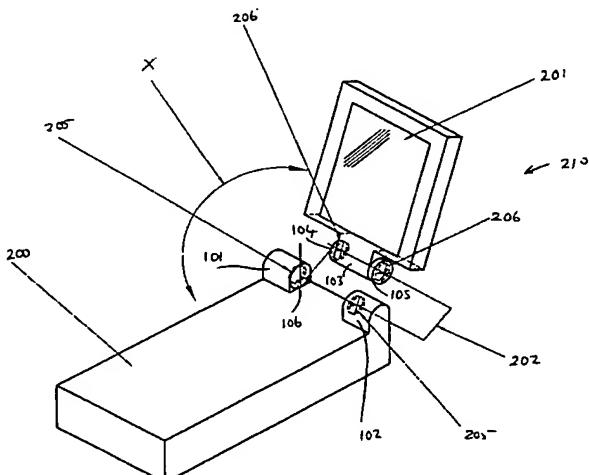
(75) Inventors/Applicants (for US only): SYMONS, Peter [GB/GB]; Innovision Research & Technology PLC, Ash

(74) Agents: BERESFORD, Keith, Denis, Lewis et al.; Beresford & Co, 16 High Holborn, London WC1V 6BX (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: VARIABLE CONFIGURATION APPARATUS



WO 2005/069585 A1

(57) Abstract: A variable configuration apparatus has components or sub-systems. At least some components (200 and 201) have mechanical coupling elements (101 and 102 and 103) that enable the configuration of the apparatus to be varied by changing at least one of the relative orientation and position of those components or subsystems. These mechanical coupling elements (101 and 102 and 103) incorporate wireless signal coupling elements (205 and 206) that cooperate to provide a wireless coupling which enables wireless coupling between the components. The wireless coupling may be used to transfer at least one of data and power between the components. The wireless signal coupling elements may be capacitive coupling elements that provide capacitive coupling between the components or sub-systems. In an example, the apparatus is a video camera and one component or sub-system is a display screen (201) and another component or sub-system is the main body (200) of the video camera (200).



(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

Published:

— with international search report